

TABLE 6**Volumes of Contaminated Soil Estimated During the time the RI was Released**

Soil Section
Livingston Rail Yard Remedial Investigation

AREA	PREDOMINATE CONTAMINANT	ESTIMATED VOLUME (cu. yd.)	APPROXIMATE DIMENSIONS length x width x depth (ft.)
Post-1943 Drain Line (filled channel)	Heavy Hydrocarbons	850	900 x 10 x 2.5
Drain Line Man ways (11 man ways)	Chlorinated VOCs	50 - 75 per man way	Radius 7 feet x 10 foot depth
In-Line Grit Chamber	Heavy Hydrocarbons & Chlorinated VOCs	850	45 x 25 x 20
Electric Shop	Chlorinated VOCs	560	40 x 25 x 15
WWTP Grit Chambers	Chlorinated VOCs	600	40 x 45 x 9 (Grit Chamber) Contaminants extend 6' from walls Average Depth 15'
WWTP Sump	Heavy Hydrocarbons & Chlorinated VOCs	1700	175 x 20 x 45
Waste-Oil Recycling Plant	Heavy Hydrocarbons & Chlorinated VOCs	200	25 x 20 x 10
API Separator/ Overflow Pond	Heavy Hydrocarbons & Chlorinated VOCs	5200	500 x 80 x 3.5
Cinder Pile	Heavy Hydrocarbons & Chlorinated VOCs	4700 (lagoon) 2400 (relic lagoon) 5100 (buried sludge)	145 x 35 x 25 160 x 20 x 20 110 x 50 x 25
Depot	Diesel Fuel	500 (passenger) 7000 (freight)	75 x 15 x 12 200 x 20 x 15
Freight Train	Diesel Fuel	18000 (fueling area) 1800 (containment cell around 25,000 gal. tank) 700 (grit chamber)	400 x 80 x 15 65 x 50 x 15 60 x 30 x 10
Track Pan	Heavy Hydrocarbons & Chlorinated VOCs	450 (west end of tracks 5 & 6) 350 (east of shop doors)	40 x 20 x 15 15 x 10 x 10 (per door)
Note:SVE = Soil Vapor Extraction			

A SVE system was later installed in the waste-oil recycling plant area.